

DOCKET: CU-2684

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: David H. DaCosta et al.

Serial No.: 09/981,145

Group Art Unit: 2856

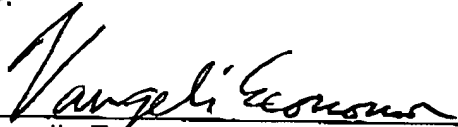
Filed: October 16, 2001

Examiner: Wilson, K.M.

For: Fuel Gauge for Hydrogen Storage Media

**Certification under 37 C.F.R. §1.8(a)**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being facsimile transmitted to the U.S. Patent and Trademark Office to Facsimile No. (703) 872-9306 on September 22, 2004.

  
Vangelis Economou - Reg. No. 32,341

Commissioner for Patents  
P.O. Box 1450  
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**FAX RECEIVED**

SEP 24 2004

**OFFICE OF PETITIONS****INFORMATION DISCLOSURE STATEMENT**

Applicants submit herewith patents, publications or other information of which the applicants are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose under 37 CFR 1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

The references are listed on PTO-1449 form (modified) enclosed herewith. A copy of this U.S. Patent reference is not submitted.

A translation of any foreign language reference, if any, is indicated in PTO-1449 form and being submitted herein if it is readily available. Otherwise it should be construed that such translation is not readily available.

Additional comments, if any, on the relevance of each reference listed are provided as follows:

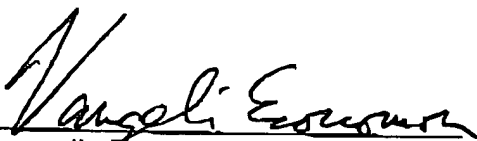
It is noted that U.S. Patent No. 5,882,384 was cited in the International Search Report in corresponding PCT application PCT/US02/32155, a copy of which is attached. Applicant only recently noted that this reference was not cited in this U.S. Patent application, despite its having been examined by the same examiner who searched the corresponding PCT application during the same period as the issuance of the first Office Action in this application. This IDS is being submitted for the opportunity to review the reference.

The Statement is made on the basis of the information:

<u>  X  </u>	supplied by the inventor(s);
<u>  X  </u>	supplied by an individual associated with the filing and prosecution of this application (37 CFR 1.56(c)); or
	in the attorney's PCT file.

Respectfully submitted,

September 22, 2004

  
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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/32155

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : B01D 53/04; G01N 25/22

US CL : 96/111, 73/31.05, 40, 149

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 96/111; 73/31.05, 40, 149

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

USPTO APS EAST

search terms: gauge, scale, measure, compute, calculate, volume, capacity, metal hydride

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- A	US 5,882,384 A (TOM et al) 16 March 1999 (16.03.1999), abstract; figure 1.	1-4, 7-9, 13-4 ----- 5, 6, 10-12 15-19

☐ Further documents are listed in the continuation of Box C.
 ☐ See patent family annex.

Special categories of cited documents:	
"A"	document defining the general state of the art which is not considered to be of particular relevance
"E"	earlier document published on or after the international filing date
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O"	document referring to an oral disclosure, use, exhibition or other means
"P"	document published prior to the international filing date but later than the priority date claimed
"T"	later document published after the international filing date, a priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X"	document of particular relevance; the claimed invention may not be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y"	document of particular relevance; the claimed invention may not be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"Z"	document member of the same patent family

Date of the actual completion of the international search

09 DECEMBER 2002

Date of mailing of the international search report

01 APR 2003

 Name and mailing address of the ISA/US  
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